

PATENT ABSTRACTS OF JAPAN

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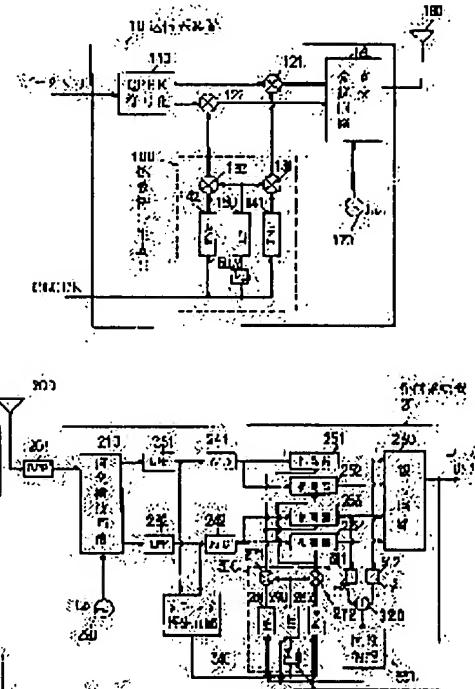
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(54) SPREADING CODE GENERATION SYSTEM

(57)Abstract:

PURPOSE: To increase the multiplicity at the time of multilevel phase modulation in a spreading code generation system in direct spread spectrum communication.

CONSTITUTION: Optional spreading code patterns (the output of PN code generators 141 and 142) whose code sequences are different are used between respective phases in a multilevel phase modulation system, the code patterns are multiplied with the same code pattern of an optional orthogonal code sequence (the output of an orthogonal code generator 150) and spreading codes are generated. Also, the spreading codes between the respective phases are the combination of the patterns whose mutual correlation value is large inside the code sequence and the code patterns are mutually circulated and used in synchronism at a point where the mutual correlation value of correlation devices 251-254 is minimized.



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